

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,133,689 B2  
APPLICATION NO. : 10/659673  
DATED : November 7, 2006  
INVENTOR(S) : Koo et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, item (75), Inventors, page 1, left column, line 3, after "**Chang-Soo Koo**", delete East Northport, NY (US) and insert therefor --Melville, NY, (US)--.

At column 5, line 50, after the words "adjustment is", insert therefor --to--.

At column 5, line 54, after the words "reselection is", insert therefor --to--.

At column 5, line 55, after the words "up size is", insert therefor --to--.

At column 6, line 44, after "(step-size)--", delete "((step down))" and insert therefor --(step down)--.

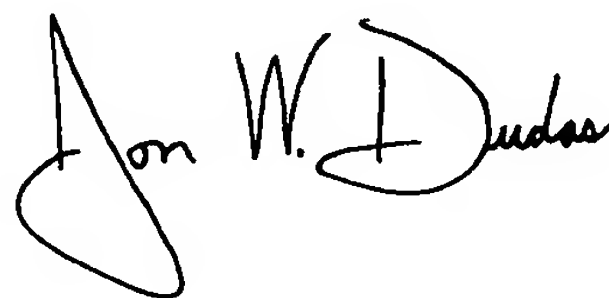
At column 6, line 46, before " $*(N_b - N_e).$ ", delete "((step down))" and insert therefor --(step down)--.

At column 7, line 6, after "(step up)\*", delete " $(N_e)--$ " and insert therefor  $--(N_e)--$ .

At column 7, delete line 15, and insert therefor  $--\text{target SIR} = \text{target SIR} + \text{step\_up} * N_e - \text{step\_down} * (N_b - N_e)--$ .

Signed and Sealed this

Seventh Day of October, 2008



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*